## **EAST Search History**

| Ref<br>#  | Hits | Search Query   | DBs                              | Default<br>Operator | Plurals | Time Stamp       |
|-----------|------|--|----------------------------------|---------------------|---------|------------------|
| S1        | 0    | ("spillman-william\$.in.").PN.   | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/10/10 07:29 |
| S2        | 405  | (fiber\$1 or fibre\$1) with optic\$2 same cloth\$3   | USPAT                            | OR                  | OFF     | 2004/08/23 10:14 |
| S3        | 405  | (fiber\$1 or fibre\$1) with optic\$2 same cloth\$3   | USPAT                            | OR                  | OFF     | 2006/02/22 09:57 |
| S4        | 57   | S3 and (radio or wireless)   | USPAT                            | OR                  | OFF     | 2004/08/23 10:14 |
| S5        | 5    | ("3840738"   "4442750"   "47156 <b>7</b> 1"<br>  "5164703"   "5291013").PN.  | US-PGPUB;<br>USPAT;<br>USOCR     | OR                  | OFF     | 2004/08/23 10:23 |
| S6        | 8    | ("5436444").URPN.  | USPAT                            | OR                  | OFF     | 2004/08/23 10:26 |
| <b>S7</b> | 596  | ((250/227.14) or (250/227.16)).<br>CCLS.   | USPAT                            | OR                  | OFF     | 2004/08/23 10:26 |
| S8        | 41   | S7 and (radio or wireless)   | USPAT                            | OR                  | OFF     | 2004/08/23 10:27 |
| S9        | 107  | (fiber\$1 or fibre\$1) with optic\$2<br>same cloth\$3 and high\$4 with<br>(order\$1 or mode\$1)                        | USPAT                            | OR                  | OFF     | 2006/02/22 09:58 |
| S10       | 60   | (fiber\$1 or fibre\$1) with optic\$2<br>same cloth\$3 and high\$4 near5<br>(order\$1 or mode\$1)                       | USPAT                            | OR                  | OFF     | 2006/02/22 10:06 |
| S11       | 445  | (fiber\$1 or fibre\$1) with optic\$2<br>same (patient\$1 or heart\$1) and<br>high\$4 near5 (order\$1 or mode\$1)       | USPAT                            | OR                  | OFF     | 2006/02/22 10:07 |
| S12       | 30   | (fiber\$1 or fibre\$1) with optic\$2<br>same (patient\$1 or heart\$1) and<br>high\$4 near2 (order\$1 near2<br>mode\$1) | USPAT                            | OR                  | OFF     | 2006/02/22 10:11 |
| S13       | 0    | (fiber\$1 or fibre\$1) with optic\$2<br>same (patient\$1 or heart\$1) and<br>high\$4 near2 (order\$1 near2<br>mode\$1) | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/02/22 10:11 |
| S14       | 297  | (fiber\$1 or fibre\$1) with optic\$2 and high\$4 near2 (order\$1 near2 mode\$1)  | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/02/22 10:12 |
| S15       | 5    | (fiber\$1 or fibre\$1) with optic\$2 and high\$4 near2 (order\$1 near2 mode\$1) and annul\$5                           | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/02/22 10:12 |
| S16       | 345  | (fiber\$1 or fibre\$1) with optic\$2 and high\$4 near2 (order\$1 near2 mode\$1) and annul\$5                           | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/02/22 10:12 |
| S17       | 112  | modal near2 conversion\$1 or modal near2 interference\$1   | USPAT                            | OR                  | OFF     | 2006/09/11 12:58 |
| S18       | 7    | spillman-william\$.in.   | US-PGPUB;<br>USPAT               | OR                  | OFF     | 2006/09/11 13:20 |

## **EAST Search History**

|     |      | LAST Scarc  | ,   | ,  |     |                  |
|-----|------|---|---|----|-----|------------------|
| S19 | 16   | spillman-william\$.in.  | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/11 13:17 |
| S20 | 2    | meissner-kenith\$.in.   | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/11 13:47 |
| S21 | 68   | speckle\$1 same modal   | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/11 13:47 |
| S22 | 24   | ("3327584"   "3961898"   "4297684"   "4339661"   "4367460"   "4377341"   "4443698"   "4482890"   "4515479"   "4525626"   "4538140"   "4591709"   "4653906"   "4654520"   "4669872"   "4705354").PN. OR ("4863270"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR              | OR | OFF | 2006/09/12 07:57 |
| S23 | 263  | (fiber\$1 or fibre\$1) with (multimod\$3 or multi adj mod\$3) and speckle\$1  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/12 07:58 |
| S24 | 187  | S23 and conver\$6   | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/12 07:58 |
| S25 | 448  | (385/13).CCLS.  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/12 08:40 |
| S26 | 104  | S25 and (multimod\$3 or multi adj<br>mod\$3)  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/12 08:43 |
| S27 | 175  | 356/73.1\$.ccls. and (multimod\$3 or multi adj mod\$3)  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/12 09:30 |
| S28 | 2996 | (mode adj conversion\$1) or (modal adj conversion\$1)   | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/12 09:30 |
| S29 | 472  | ((mode adj conversion\$1) or (modal<br>adj conversion\$1)) and<br>(multimode\$1 or multi adj mode\$1)   | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/13 08:58 |
| S30 | 43   | ((mode adj conversion\$1) or (modal<br>adj conversion\$1)) and<br>(multimode\$1 or multi adj mode\$1)   | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/12 15:26 |
| S31 | 66   | ((mode adj convert\$4) or (modal<br>adj convert\$4)) and (multimode\$1<br>or multi adj mode\$1)   | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/13 05:45 |
| S32 | 56   | S31 not S30   | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/09/12 15:27 |
| S33 | 443  | ((mode adj convert\$4) or (modal<br>adj convert\$4)) and (multimode\$1<br>or multi adj mode\$1)   | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/13 05:45 |

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| S34 | 472  | ((mode adj conversion\$1) or (modal  | US-PGPUB;                                 | OR | OFF | 2006/09/13 05:45 |
|-----|------|--|---|----|-----|------------------|
|     |      | adj conversion\$1)) and (multimode\$1 or multi adj mode\$1)  | USPAT                                     |    |     |                  |
| S35 | 248  | S33 not S34  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/13 05:45 |
| S36 | 276  | mode\$1 near4 conver\$5 near4<br>low\$2 near4 high\$2  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/13 07:47 |
| S37 | 20   | (((mode adj conversion\$1) or<br>(modal adj conversion\$1)) and<br>(multimode\$1 or multi adj<br>mode\$1)).clm.  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/13 08:59 |
| S38 | 172  | (multimode\$1 or multi adj mode\$1) near4 (fiber\$1 or fibre\$1) with (stress\$3 or strain\$1 or vibration\$1 or perturbation\$1)  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/09/13 09:00 |
| S39 | 0    | ("spillman-william\$.in.<br>gong-jianmin\$.in.mayer-michael\$.in.<br>bennett-jennifer\$.in.<br>messner-kenith\$.in.").PN.  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/10/06 15:05 |
| S40 | 65   | spillman-william\$.in. gong-jianmin\$.<br>in. mayer-michael\$.in.<br>bennett-jennifer\$.in.<br>messner-kenith\$.in.  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/10/06 15:06 |
| S41 | 9    | (("6498652") or ("5436444") or<br>("5291013") or ("5212379") or<br>("5134281") or ("5436444") or<br>("4863270") or ("4843233") or<br>("4297684") or ("20030095263")).<br>PN. | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/10/06 15:16 |
| S42 | 3633 | home near2 sensor\$1   | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/10/10 08:12 |
| S43 | 0    | home near2 sensor\$1 with (high\$3 adj order\$1)   | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/10/10 08:13 |
| S44 | 260  | (high\$3 near2 order\$1 near2<br>mode\$1 near2 excitation\$1)  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/10/10 08:47 |
| S45 | 39   | (high\$3 near2 order\$1 near2<br>mode\$1 near2 excitation\$1)  | FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/10 08:37 |
| S46 | 35   | (low\$3 near2 order\$1 near2 mode\$1 near2 excitation\$1)  | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/10/10 09:03 |
| S47 | 750  | ((250/227.14) or (250/227.15)).<br>CCLS.   | US-PGPUB;<br>USPAT                        | OR | OFF | 2006/10/10 09:03 |